DEPARTMENT OF TRANSPORTATION
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August 20, 2003

04-SF-80-13.2/13.9
04-0120F4
ACBRIM-080-1(095)N

Addendum No. 11

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN FRANCISCO COUNTY IN SAN FRANCISCO FROM 0.6 KM TO 1.3 KM EAST OF THE YERBA BUENA TUNNEL EAST PORTAL.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on October 21, 2003.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheets 509, 547, 548, 549, 550, 551, and 552 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 5-1.017, "CONTRACT BONDS," the second paragraph is revised as follows:

"The payment bond shall equal the lesser of one-half of the contract price or five hundred million dollars ($500,000,000)."

In the Special Provisions, Section 5-1.12 "PROJECT INFORMATION," subsection "INFORMATION HANDOUT," subsection "Structure Materials Information," item A is revised as follows:

"A. Project specific design criteria "Design Criteria, San Francisco-Oakland Bay Bridge East Span Seismic Safety Project, Self-Anchored Suspension Bridge, dated July 15 2002, by TY Lin International/Moffatt & Nichol Engineers, a Joint Venture."

In the special provisions, Section 5-1.12 "PROJECT INFORMATION," subsection "INFORMATION HANDOUT," subsection "Structure Materials Information," item "K. New Self-Anchored Suspension Span Wind Studies Final Report dated December 2002" is added by CD ROM as attached.

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In the Special Provisions, Section 10-1.15, "ACCELERATED WORKING DRAWINGS SUBMITTAL," the table following the first paragraph is revised as follows:

"Submittal	Special provisions sections
Working drawings and design calculations for all temporary towers	"Working Drawings" in "TEMPORARY TOWERS"
Written, detailed procedures for the weight control of the suspended structure	"Weight Control" in "STEEL STRUCTURES"
Working drawings and supplemental calculations for the erection of tower and superstructure structural steel	"Erection Plan" in "STEEL STRUCTURES"
Working drawings required for the fabrication of box girder structural steel	"Working Drawings" in "STEEL STRUCTURES"
Working drawings required for the fabrication of all tower structural steel	"Working Drawings" in "STEEL STRUCTURES"
Working drawings for castings	"Castings" in "STEEL STRUCTURES"
Written, detailed procedures for the fabrication and erection of the complex assemblies listed under “Fabrication/Erection Procedure and Mock-Ups”	"Fabrication/Erection Procedure and Mock-Ups" in "STEEL STRUCTURES"
Working drawings for the construction of the cable system	"Working Drawings" in "CABLE SYSTEM"

The Contractor shall receive approval from the Engineer for his erection plan and weight control procedure prior to preparing working drawings for the fabrication of the box girder structural steel, tower structural steel, and the cable system."

In the Special Provisions, Section 10-1.16, "WORKING DRAWING SUBMITTAL SCHEDULE," the first row of the table following the eighth paragraph is revised as follows:

10-1.36	Temporary Tower working drawings and design calculations - each location	30 days + 2 weeks for each additional submittal

In the Special Provisions, Section 10-1.51, "STEEL STRUCTURES," subsection "WEIGHT CONTROL," is replaced as follows:

"The Contractor shall submit written, detailed procedures to monitor and control the actual weight of the suspended structure during fabrication and construction.

The Contractor shall allow the Engineer 20 working days to review the weight control procedure.

Weight reports shall be submitted using a format described in the approved weight control procedure. These reports shall include the weight of all installed components including utilities, platform barriers, counter weight and roadway wearing surfaces including the range of uncertainty in the estimated final weight.

This weight control procedure shall be used in conjunction with the cable erection described in the section "Cable System," of these special provisions. Attention is directed to the allowable range for target dead load moment in the box girder shown on the plans."

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In the Special Provisions, Section 10-1.51, "STEEL STRUCTURES," subsection "FABRICATION," subsection "Fabrication/Erection Procedure and Mock-Ups," item E of the fourth paragraph is revised as follows:

"E. Deck plate section – (For welding requirements of closed ribs to deck plate, see "Welding of Closed Ribs to Box Shell Plates" below.)"

In the Special Provisions, Section 10-1.51, "STEEL STRUCTURES," subsection "ASSEMBLY," subsection "Tower Lift Sections," the last paragraph is revised as follows:

"Tower struts shall be installed into their tower connections without inducing shear stresses. At the option of the Contractor, cross bracing and shear links may be used to obtain the required tolerances between shafts provided the axial loads in the cross bracing or shear links, after complete erection of tower, do not exceed 1 MN per member and the locked-in stresses along the entire length of each shaft does not exceed 5% of yield stress. The Contractor shall estimate the force and stresses in these members, including the locked-in stresses in each shaft after complete erection of tower, based on the approved erection plan and submit the calculations to the Engineer for review and approval. Bolt holes for the shear link connection plates may be field drilled subject to review and approval by the Engineer. The pin holes for the cross bracing may be bored in the shop to match field measurements subject to review and approval by the Engineer. The layout of the bolt holes shall be submitted to the Engineer for approval."

In the Special Provisions, Section 10-1.51, "STEEL STRUCTURES," subsection "SHOP WELDING," Design Details," item G.4.B is revised as follows:

"B. The longitudinal, transverse and diagonal distances between any two tower shaft corners AE shall not exceed a tolerance of 1 mm in 500 mm. This tolerance shall be measured at elevation 28.0 m, at all tower cross bracing elevations, and at the tower saddle grillage elevation."

In the Proposal and Contract, in the Engineer's Estimate, Alternative 1 and Alternative 2, Item59 is revised as attached.

To Proposal and Contract book holders:

Replace pages 30 and 38 of the Engineer's Estimate in the Proposal with the attached revised pages 30 and 38 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Attached is a copy of revised Structure Materials Information on a CD ROM.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

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If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY:

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

ENGINEER'S ESTIMATE
04-0120F4
Alternative 1

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	203021	FIBER ROLLS	M	252		
42	203024	COMPOST (EROSION CONTROL)	KG	470		
43	030711	MOVE IN/OUT (EROSION CONTROL)	EA	4		
44	203045	PURE LIVE SEED (EROSION CONTROL)	KG	30		
45 (S)	049299	EPOXY ASPHALT CONCRETE AGGREGATE	TONN	3350		
46 (S)	049300	EPOXY ASPHALT BOND COAT AND BINDER	KG	244 000		
47 (S)	049301	APPLY EPOXY ASPHALT BOND COAT	M2	29 914		
48 (S)	049302	PLACE EPOXY ASPHALT CONCRETE SURFACING	M2	29 914		
49 (S)	049303	PRESTRESSING CAST-IN-PLACE CONCRETE (PIER W2)	LS	LUMP SUM	LUMP SUM	
50 (S)	049304	PRESTRESSING CAST-IN-PLACE CONCRETE (PIER E2)	LS	LUMP SUM	LUMP SUM	
51 (S)	049305	HIGH STRENGTH PRESTRESSING ROD (75 MM)	LS	LUMP SUM	LUMP SUM	
52 (S)	049306	CABLE TIEDOWN	LS	LUMP SUM	LUMP SUM	
53 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	8200		
54 (F)	049307	STRUCTURAL CONCRETE, FENDER	M3	1204		
55 (F)	049308	MINOR CONCRETE (COUNTERWEIGHT)	M3	430		
56 (S-F)	049309	FURNISH POLYESTER CONCRETE OVERLAY (13 MM)	M3	40		
57 (S-F)	049310	PLACE POLYESTER CONCRETE OVERLAY (13 MM)	M2	3050		
58 (S)	049311	FURNISH AND INSTALL SPHERICAL BUSHING BEARING (PIER E2)	EA	4		
59 (S)	049312	FURNISH SPHERICAL BUSHING RING BEARING (HINGE K)	EA	4		
60 (S)	049313	INSTALL CIRCULAR SEGMENTED BEARING (HINGE A)	EA	16		

ENGINEER'S ESTIMATE
04-0120F4
Alternative 2

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	203021	FIBER ROLLS	M	252		
42	203024	COMPOST (EROSION CONTROL)	KG	470		
43	030711	MOVE IN/OUT (EROSION CONTROL)	EA	4		
44	203045	PURE LIVE SEED (EROSION CONTROL)	KG	30		
45 (S)	049299	EPOXY ASPHALT CONCRETE AGGREGATE	TONN	3350		
46 (S)	049300	EPOXY ASPHALT BOND COAT AND BINDER	KG	244 000		
47 (S)	049301	APPLY EPOXY ASPHALT BOND COAT	M2	29 914		
48 (S)	049302	PLACE EPOXY ASPHALT CONCRETE SURFACING	M2	29 914		
49 (S)	049303	PRESTRESSING CAST-IN-PLACE CONCRETE (PIER W2)	LS	LUMP SUM	LUMP SUM	
50 (S)	049304	PRESTRESSING CAST-IN-PLACE CONCRETE (PIER E2)	LS	LUMP SUM	LUMP SUM	
51 (S)	049305	HIGH STRENGTH PRESTRESSING ROD (75 MM)	LS	LUMP SUM	LUMP SUM	
52 (S)	049306	CABLE TIEDOWN	LS	LUMP SUM	LUMP SUM	
53 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	8200		
54 (F)	049307	STRUCTURAL CONCRETE, FENDER	M3	1204		
55 (F)	049308	MINOR CONCRETE (COUNTERWEIGHT)	M3	430		
56 (S-F)	049309	FURNISH POLYESTER CONCRETE OVERLAY (13 MM)	M3	40		
57 (S-F)	049310	PLACE POLYESTER CONCRETE OVERLAY (13 MM)	M2	3050		
58 (S)	049311	FURNISH AND INSTALL SPHERICAL BUSHING BEARING (PIER E2)	EA	4		
59 (S)	049312	FURNISH SPHERICAL BUSHING RING BEARING (HINGE K)	EA	4		
60 (S)	049313	INSTALL CIRCULAR SEGMENTED BEARING (HINGE A)	EA	16		